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Receipt

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) Group Art Unit: 2616  
SCHWOERER, Ludwig ) Docket No. 006136.00015  
Serial No. 10/574,350 ) Confirmation No: 2234  
Filed: April 3, 2006 )

For: METHOD SYSTEM AND RECEIVER  
FOR RECEIVING A MULTI-CARRIER TRANSMISSION

**REQUEST FOR CORRECTED FILING RECEIPT**

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Dear Sir:

Please issue a corrected filing receipt for this application. A copy of the original receipt with the errors noted in red accompanies this request. A copy of the ~~declaration~~ **ASSIGNMENT**, as filed, and our postcard receipt are also enclosed.

Under: **ASSIGNMENT FOR PUBLISHED PATENT APPLICATION**

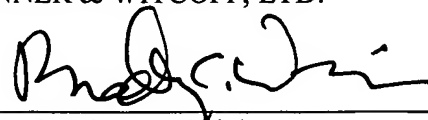
please change NOKIA CORPORATION, ESPOO, FRANCE to

**-- NOKIA CORPORATION, ESPOO, FINLAND --**

We believe no fee is due in connection with this request. If a fee is due, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By:   
Bradley C. Wright  
Registration No. 38,061

Date: Dec. 14, 2006  
Banner & Witcoff Ltd  
Customer Number: 22907  
SAW:sdm



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/574,350	04/03/2006	2616	2000	006136.00015	11	34	5

CONFIRMATION NO. 2234

22907  
 BANNER & WITCOFF  
 1001 G STREET N W  
 SUITE 1100  
 WASHINGTON, DC 20001

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DEC 04 2006

## FILING RECEIPT



\*OC000000021393938\*

BANNER &amp; WITCOFF, LTD.

Date Mailed: 11/30/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Ludwig Schwoerer, Hattingen, GERMANY;

## Assignment For Published Patent Application

NOKIA CORPORATION, ESPOO, ~~FRANCE~~ FINLAND

DOCKETED  
 006136.00015  
 DEC 04 2006  
 AR

Power of Attorney: The patent practitioners associated with Customer Number 22907.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FI03/00720 10/03/2003

## Foreign Applications

If Required, Foreign Filing License Granted: 11/28/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/574,350**

Projected Publication Date: 03/08/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

Method system and receiver for receiving a multi-carrier transmission

**Preliminary Class**

370

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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04-14-2006

Doc. No. 006136.00015

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103219548

Tab settings

To the Director of the United States Patent and Trademark Office, Washington, DC 20503  
The attached original documents or copy thereof.

1. Name of conveying party(ies):  
**SCHWOERER, Ludwig**

2. Name and address of receiving party(ies):

Name: **Nokia Corporation**

Address: **Keilalahdentie 4**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

City: **Espoo** State/Prov.: \_\_\_\_\_

Country: **Finland** ZIP: **FIN-02150**

Execution Date: **March 28, 2006**

Additional name(s) & address(es) ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **March 27, 2006**

Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Bradley C. Wright**

Registration No. **39,061-38,061**

Address: **Banner & Witcoff, Ltd.**

**1001 G St. N.W.**

**11th Floor**

City: **Washington** State/Prov.: **D.C.**

Country: **U.S.A.** ZIP: **20006**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

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**19-0733**

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Bradley C. Wright**

Name of Person Signing

Signature

**April 3, 2006**

**2**

Date

Total number of pages including cover sheet, attachments, and document:

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Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT

**WHEREAS I, Ludwig SCHWOERER, Buchenweg 21a, D-45525 Hattingen, Germany**

hereinafter referred to as the Assignor, have invented certain new and useful improvements in

### **METHOD, SYSTEM AND RECEIVER FOR RECEIVING A MULTI-CARRIER TRANSMISSION**

for which an application for Letters Patent of the United States has been prepared,

- ☐ the Declaration for said application executed on even date herewith;
- ☐ said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_ and accorded Serial Number \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable);
- ☒ said application having been filed under the Patent Cooperation Treaty on 03 October 2003 and accorded Application No. PCT/FI2003/000720, the United States of America being designated;

**WHEREAS, NOKIA CORPORATION, Keilalahdentie 4, FIN-02150, Espoo, Finland**

hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States which may be granted therefor;

**NOW THEREFORE**, for good and valuable consideration the Assignor by these presents do sell, assign, and transfer unto the Assignee, its successors, legal representatives and assigns, the full and exclusive right to the invention as described in said application, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof;

**AND** said Assignor authorize and request the Commissioner of Patents and Trademarks to issue all said Letters Patent to said Assignee;

**AND** said Assignor warrant and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;

**AND** said Assignor agree to communicate to said Assignee or its representatives any facts known to me/us respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States when requested so to do by said Assignee.

**IN WITNESS WHEREOF**, I have hereunto set my hand and seal.

Date: 28.03.06

Signature:   
Name: Ludwig SCHWOERER

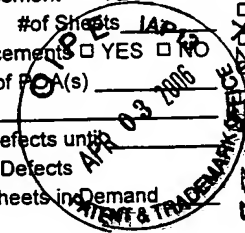
# PCT RO/US BOX PCT

B&W # 006136.00015 Atty/Sec BCW / SdeH Inspected By: \_\_\_\_\_  
 Date April 3, 2006 (B&W# \_\_\_\_\_)  
 (Corresponding to U.S. Serial No.: \_\_\_\_\_) Filed: \_\_\_\_\_  
 In re International Application of SCHWOERER, Ludwig

# PCT RO/US BOX PCT

B&W # 006136.00015 Atty/Sec BCW / SdeH Inspected By: \_\_\_\_\_  
 Date April 3, 2006 (B&W# \_\_\_\_\_)  
 (Corresponding to U.S. Serial No.: \_\_\_\_\_) Filed: \_\_\_\_\_  
 In re International Application of SCHWOERER, Ludwig  
 International Application No. PCT/EP2003/000720  
 Title METHOD, SYSTEM AND RECEIVER FOR RECEIVING  
A MULTI-CARRIER TRANSMISSION

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| <input type="checkbox"/> Transmittal Letter: 1 Sheet  | <input checked="" type="checkbox"/> Specification: # of pages of description and claims <u>27</u>                                     |
| <input type="checkbox"/> Request: # of Sheets _____ Replacements <input type="checkbox"/> YES <input type="checkbox"/> NO   | <input type="checkbox"/> in English Translation   |
| <input type="checkbox"/> Fee Calculation Sheet: Original + 1 copy   | <input checked="" type="checkbox"/> Drawings: <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal            |
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Applicant(s): SCHWOERER, Ludwig

Title ☒ PATENT ☐ DESIGN B&W Ref.: 006136.00015

## RETURN WHEN SERIAL NUMBER IS ASSIGNED TO APPLICATION

USPTO: Please return this card, indicating receipt date and Application Serial No. of the following patent application:

Applicant(s): SCHWOERER, Ludwig 10/574350

Title: METHOD, SYSTEM AND RECEIVER FOR

RECEIVING A MULTI-CARRIER TRANSMISSION

Client: \_\_\_\_\_

Attorney: \_\_\_\_\_

RECEIVED PCT/PTO 03 APR 2006

Filing Date: April 3, 2006

Client: Berggren Oy Ab Client Ref.: BP113844/TKO/KPE